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Frank C. Eisenschenk

Frank C. Eisenschenk, Ph.D., Patent Attorney

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT  
Examining Group 1634  
Patent Application  
Docket No. G-069US01REG  
Serial No. 09/627,647

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Bradley L. Sisson  
Art Unit : 1634  
Applicant(s) : Yves Fouillet, Claude Vauchier, Jean-Frederic Clerc, Christine Peponnet  
Serial No. : 09/627,647  
Filed : July 28, 2000  
Conf. No. : 2266  
For : Integration of Biochemical Protocols in a Continuous Flow Microfluidic Device

Assistant Commissioner for Patents  
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 AND 1.98

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a final action or the notice of allowance. Please charge the fee of \$180.00 to Deposit Account No. 19-0065.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO/SB/08 with initials or other appropriate

marks. If any additional fee is required, or to credit any overpayment, please use Deposit Account No. 19-0065.

Applicants respectfully assert that the substantive provisions of 37 C.F.R. §§ 1.56, 1.97, and 1.98 are met by the foregoing statements.

Respectfully submitted,



Frank C. Eisenschenk, Ph.D.

Patent Attorney

Registration No. 45,332

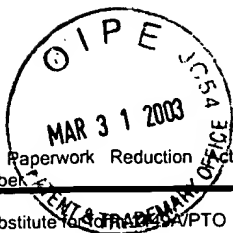
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Attachments: Form PTO/SB/08 (3 pages)  
Copies of references listed thereon



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/627,647	
			Filing Date	July 28, 2000	
			First Named Inventor	Yves Fouillet	
			Art Unit	1634	
			Examiner Name	Bradley L. Sisson	
Sheet	1	of	3	Attorney Docket Number	G-069US01REG

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-5,736,314	04/07/1998	Hayes, <i>et al.</i>	
	U2	US-5,795,976	08/18/1998	Oefner, <i>et al.</i>	
	U3	US-6,004,744	12/21/1999	Goelet, <i>et al.</i>	
	U4	US-6,046,056	04/04/2000	Parce, <i>et al.</i>	
	U5	US-6,054,268	04/25/2000	Perlin	
	U6	US-6,054,277	04/25/2000	Furcht, <i>et al.</i>	
	U7	US-			
	U8	US-			
	U9	US-			
	U10	US-			
	U11	US-			
	U12	US-			
	U13	US-			
	U14	US-			
	U15	US-			
	U16	US-			
	U17	US-			
	U18	US-			
	U19	US-			
	U20	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
	F1	WO	93/22058 A1	11/11/1993	Trustees of the University of Pennsylvania	
	F2	WO	99/64848 A1	12/16/1999	Caliper Technologies Corporation	
	F3	EP	0620432 A1	10/19/1994	Ciba-Geigy AG	
	F4					
	F5					
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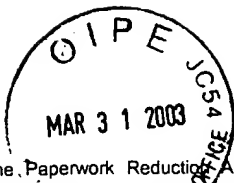
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	09/627,647
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First Named Inventor	Yves Fouillet
Group Art Unit	1634
Examiner Name	Bradley L. Sisson
Attorney Docket Number	G-069US01REG

Sheet 2 of 3

**NON PATENT LITERATURE DOCUMENTS**

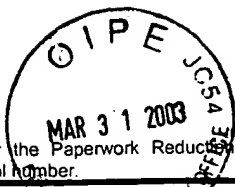
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	AARTS, H.J., <i>et al.</i> , "High-resolution genotyping of Salmonella strains by AFLP-fingerprinting", <i>Lett. Appl. Microbiol.</i> (1998), 26:131-5; PMID: 9569696	
	R2	BARANY, F., "The Ligase Chain Reaction in a PCR World", <i>PCR Methods and Applications</i> (1991), 1:5-16; Cold Spring Harbor Laboratory Press	
	R3	BOLLA, M.K., <i>et al.</i> , "Rapid determination of apolipoprotein E genotype using a heteroduplex generator", <i>J. Lipid Res.</i> (1999), 40:2340-2345; PMID: 10588960	
	R4	BURNS, M., <i>et al.</i> , "An Integrated Nanoliter DNA Analysis Device", <i>Science</i> (1998), 282:484-487	
	R5	CHEVALIER, M., <i>et al.</i> , "Substrate Binding Induces Deploymerization of the C-terminal Peptide Binding Domain of Murine GRP78/BiP", <i>J. Biol. Chem.</i> (1998), 273(41):26827-26835; The American Society for Biochemistry and Molecular Biology, Inc.	
	R6	GOULDING, J., <i>et al.</i> , "Genome-Sequence-Based Fluorescent Amplified-Fragment Length Polymorphism Analysis of <i>Mycobacterium tuberculosis</i> ", <i>J. Clin. Microbiol.</i> (2000), 38(3):1121-1126; PMID: 10699006; American Society for Microbiology	
	R7	GZYL, A., <i>et al.</i> , "Technical aspects of random amplified polymorphic DNA (RAPD) technique in genotyping of bacterial strains", <i>Acta Microbiol. Pol.</i> (1999), 48(3):243-59; PMID: 10756711	
	R8	HAPP, G., <i>et al.</i> , "DLA-DRB1 histocompatibility genotyping using RT-nested PCR and cycle sequencing", <i>Vet. Immunol. Immunopathol.</i> (1999), 69:93-100; PMID: 10507296; Elsevier Science B.V.	
	R9	HARWOOD, C., <i>et al.</i> , "Degenerate and Nested PCR: a Highly Sensitive and Specific Method for Detection of Human Papillomavirus Infection in Cutaneous Warts", <i>J. Clin. Microbiol.</i> (1999), 37(11):3545-3555; PMID: 10523550; American Society for Microbiology	
	R10	HAYASHI, H., <i>et al.</i> , "Temperature-dependent associating property of liposomes modified with a thermosensitive polymer", <i>Bioconjug Chem</i> (1998), 9:382-9; PMID: 9576813; American Chemical Society	
	R11	HOOKEY, J.V., <i>et al.</i> , "Use of Fluorescent amplified fragment length polymorphism (fAFLP) to characterize methicillin-resistant <i>Staphylococcus aureus</i> ", <i>J. Microbiol. Meth.</i> (1999), 37:7-15; Elsevier Science B.V.	
	R12	JENSEN, S.A., <i>et al.</i> , "Domain 26 of tropoelastin plays a dominant role in association by coacervation", <i>J. Biol. Chem.</i> (2000); PMID 10862774; The American Society for Biochemistry and Molecular Biology, Inc.	
	R13	JONAS, D., <i>et al.</i> , "Comparative Evaluation of Three Different Genotyping Methods for Investigation of Nosocomial Outbreaks of Legionnaires' Disease in Hospitals", <i>J. Clin. Microbiol.</i> (2000), 38(6):2284-2291; PMID: 10834990; American Society for Microbiology	

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Substantive Patent 1449B/PTO  
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Sheet 3 of 3

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First Named Inventor	Yves Fouillet
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Examiner Name	Bradley L. Sisson
Attorney Docket Number	G-069US01REG

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	KHANDIJAN, E.W., "Heat Treatment induces dephosphorylation of pRb and dissociation of T-antigen/pRb complex during transforming infection with SV40", <i>Oncogene</i> (1995), 10:359-367; Stockton Press	
	R2	KISHORE, N., <i>et al.</i> , "A thermodynamic investigation of reactions catalyzed by tryptophan synthase", <i>Biophys. Chem.</i> (1998), 73:265-280; Elsevier Science B.V.	
	R3	KWOK, P.-Y., <i>et al.</i> , "Detection of Single Nucleotide Variations", <i>Genetic Engineering</i> (1998), 20:125-134; PMID: 10395459; Plenum Press, New York	
	R4	METCALFE, P., <i>et al.</i> , "HPA Genotyping by PCR-SSP: Report of 4 Exercises", <i>Vox Sang.</i> (1999), 77:40-43; PMID: 10474089; S. Karger AG, Basel, Switzerland	
	R5	NELSON, J.H., <i>et al.</i> , "A novel and rapid PCR-based method for genotyping human papillomaviruses in clinical samples", <i>J. Clin. Microbiol.</i> (2000), 38(2):688-95; PMID: 10655368; American Society for Microbiology	
	R6	POSER, S., <i>et al.</i> , "Chip elements for fast thermocycling", <i>Sensors and Actuators</i> (1997), A 62:672-675; Elsevier Science S.A.	
	R7	ROMPPANEN, E.L., <i>et al.</i> , "Molecular diagnosis of medium-chain acyl-CoA dehydrogenase deficiency by oligonucleotide ligation assay", <i>Clin. Chem.</i> (1998), 44(1):68-71; PMID 9550560	
	R8	RUANO, M.L., <i>et al.</i> , "Self-aggregation of surfactant protein A", <i>Biochemistry</i> (2000), 39:6529-37; PMID: 10828969; American Chemical Society	
	R9	SAUER, S., <i>et al.</i> , "A novel procedure for efficient genotyping of single nucleotide polymorphisms", <i>Nucleic Acids Research</i> (2000), 28(5):e13-e13; Oxford University Press	
	R10	SIJBESMA, R.P., <i>et al.</i> , "Reversible Polymers Formed from Self-Complementary Monomers Using Quadruple Hydrogen Bonding", <i>Science</i> (1997), 278(5343):1601-1604; American Association for the Advancement of Science	
	R11	SOHDA, T., "Allele-specific polymerase chain reaction for genotyping human cytochrome P450 2E1", <i>J. Clin. Lab Anal.</i> (1999), 13:205-8; PMID 1094127	
	R12	SPEIJER, H., <i>et al.</i> , "Application of different genotyping methods for <i>Pseudomonas aeruginosa</i> in a setting of endemicity in an intensive care unit", <i>J. Clin. Microbiol.</i> (1999), 37(11):3654-61; PMID: 10523569; American Society for Microbiology	
	R13	WALKER, G.T., <i>et al.</i> , "Strand Displacement Amplification - an Isothermal, <i>in vitro</i> DNA Amplification Technique", <i>Nucleic Acids Res.</i> (1992), 20(7):1691-1696; Oxford University Press	
	R14	WINZELER, E., <i>et al.</i> , "Functional Characterization of the <i>S. cerevisiae</i> Genome by Gene Deletion and Parallel Analysis", <i>Science</i> (1999), 285(5429):901-906	

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